

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	3230	438/299.ccls. or 438/301.ccls. or 438/305.ccls. or 438/306.ccls. or 438/514.ccls. or 438/527.ccls. or 438/531.ccls.	USPAT	OR	OFF	2006/02/28 15:40
L2	1993	(junction or n-type or n-well) with diffus\$4 with phosphorus	USPAT	OR	OFF	2006/02/28 15:38
L3	130	1 and 2	USPAT	OR	OFF	2006/02/28 15:38
L4	124	@ad <= "20031028" and 3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/28 15:38
L5	1575	(substrate or (semiconductor adj region)) with diffus\$4 with phosphorus	USPAT	OR	OFF	2006/02/28 15:39
L6	55	4 and 5	USPAT	OR	OFF	2006/02/28 15:39
L7	736	438/299.ccls. or 438/301.ccls. or 438/305.ccls. or 438/306.ccls. or 438/514.ccls. or 438/527.ccls. or 438/531.ccls.	US-PGPUB	OR	OFF	2006/02/28 15:40
L8	0	7 and 5 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/28 15:41
S3	1	10/806,247	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 15:12
S4	6477	(deep heavy) near3 dop\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 15:13
S5	1365	S4 and overlap\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 15:13

## EAST Search History

S6	1091	S5 and gate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 15:14
S7	181639	"438"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 15:15
S8	545	S6 and S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 15:15
S9	463	@ad <= "20031028" and S8	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 16:53
S10	6477	(deep heavy) near3 dop\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 16:53
S11	1365	S10 and overlap\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 16:53
S12	1091	S11 and gate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 16:53
S13	181639	"438"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 16:53

## EAST Search History

S14	545	S12 and S13	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 16:53
S15	463	@ad <= "20031028" and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 22:01
S16	463	@ad <= "20031028" and S15	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 22:02
S17	3084	(substrate or (semiconductor adj region)) with diffus\$4 with phosphorus	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/28 15:39
S18	3349	(junction or n-type or n-well) with diffus\$4 with phosphorus	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/28 15:38
S19	1192	S17 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 22:00
S20	801	S19 and gate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 22:01
S21	703	@ad <= "20031028" and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 22:01

## EAST Search History

S22	302	S21 and (ion near2 implant\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 22:02
S23	181639	"438"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 22:02
S24	169	S22 and S23	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 22:02
S25	6477	(deep heavy) near3 dop\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 22:02
S26	1365	S25 and overlap\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 22:02
S27	1091	S26 and gate	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 22:02
S28	181639	"438"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 22:02
S29	545	S27 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 22:02

## EAST Search History

S30	463	@ad <= "20031028" and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/28 15:38
S31	463	@ad <= "20031028" and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/27 22:03
S32	160	S24 not S31	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/02/28 15:34